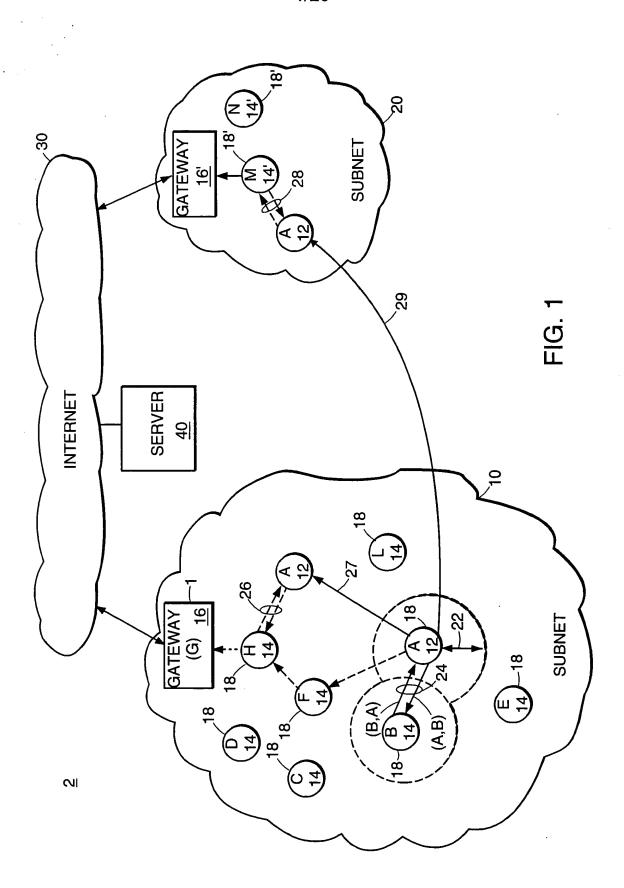
Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Minventors: Ogier et al.

Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez



Title: A System And Method For Disseminating Topology And Lin Routing Nodes In About the Information To bile Ad Hoc Network Inventors: Ogier et al.

Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

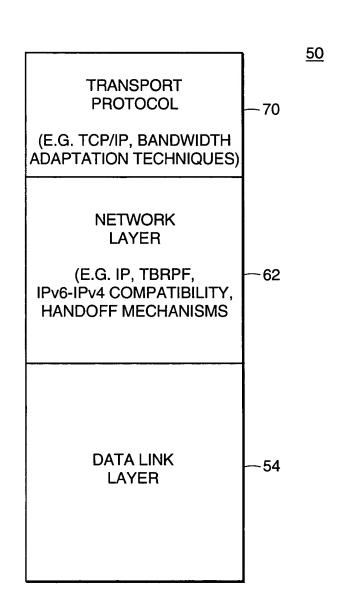
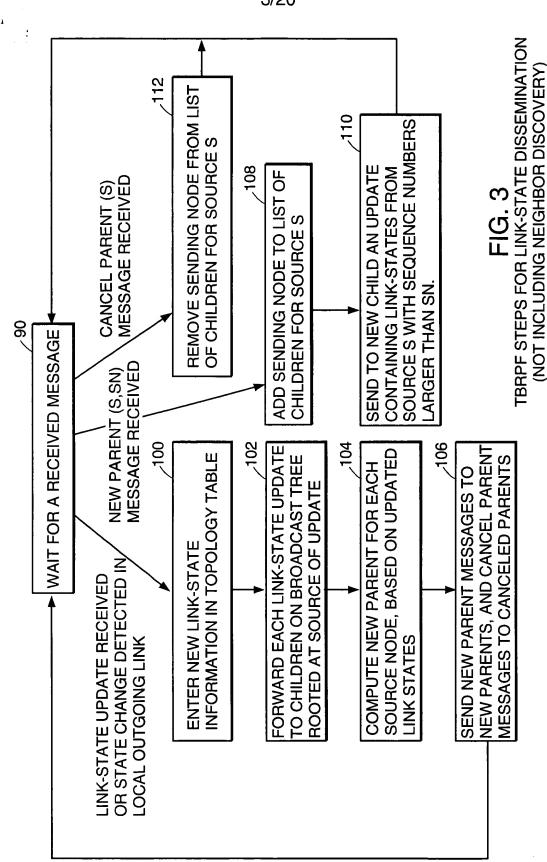


FIG. 2

Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Note: Ad Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez



Title: A System And Mathed For Disseminating Topology And Link Information To Routing Nodes In A Mobile Ad Hoc Network Inventors: Ogier et al.
Serial No. 09/728,020

Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

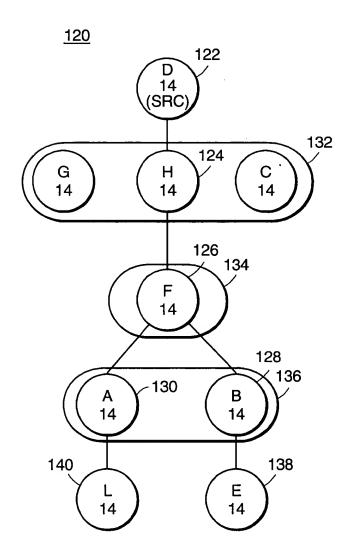
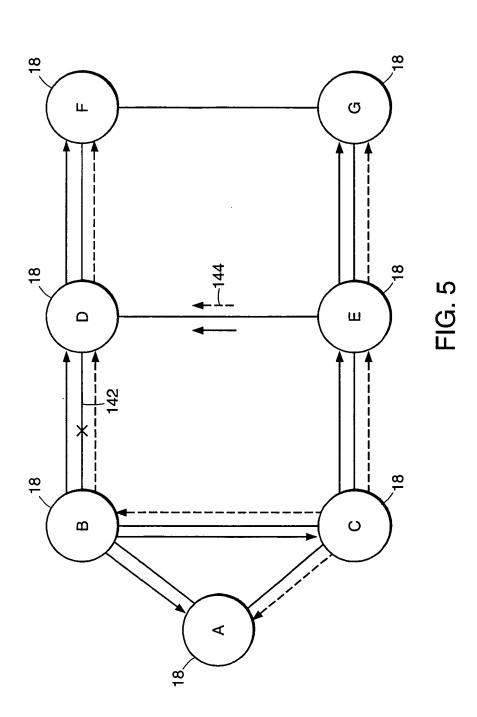


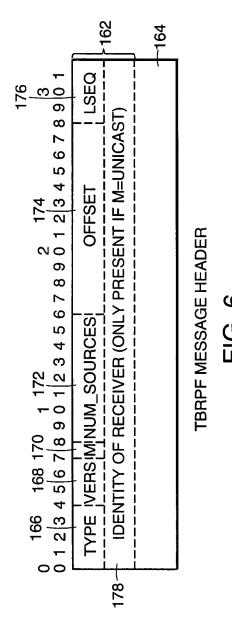
FIG. 4

Title: A System Armethod For Disseminating Topology And Link e Information To Routing Nodes In A Mobile Ad Hoc Network Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez



Title: A System And Control of For Disseminating Topology And Link-Stanformation To Routing Nodes In A Mobile Ad Hoc Network Inventors: Ogier et al.

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

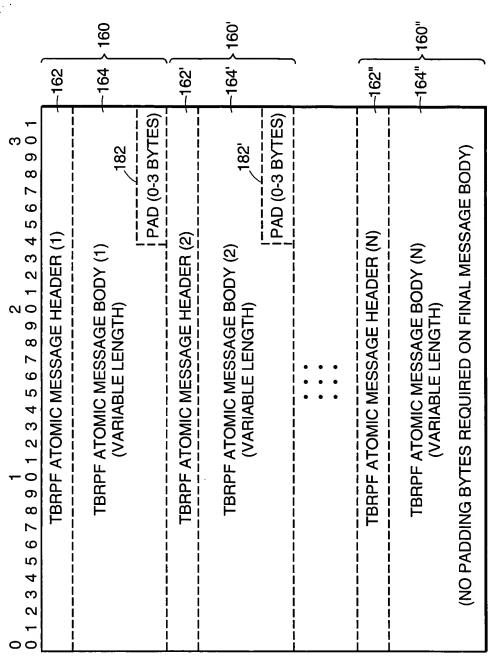


160

Title: A System And Market For Disseminating Topology And Link-State formation To Routing Nodes In A Mobile Ad Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

7/20



(A COMPOUND TBRPF MESSAGE)

180

Title: A System And Method For Disseminating Topology And Link Information To Routing Nodes In A Mobile Ad Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

8/20

186			
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5	2	3	
IDENTITY F	,	188	
IDENTITY F	FOR SRC(2)	188'	
•••			
IDENTITY F	OR SRC(M)	<u>188"</u>	
SEQUENCE NUMBER FOR SRC (1)	SEQUENCE NUMBER FOR S	RC (2)	
SEQUENCE NUMBER FOR SRC (3)	SEQUENCE NUMBER FOR SI	RC (4)	
•••			
SEQUENCE NUMBER FOR SRC (M-1)	SEQUENCE NUMBER FOR SI	RC (M)	

NEW PARENT MESSAGE FIG. 8A

192

SEQUENCE NUMBER FOR SRC (M-2) SEQUENCE NUMBER FOR SRC (M-1)
SEQUENCE NUMBER FOR SRC (M)

SHOWS AN ALTERNATIVE ENDING THE NEW PARENT MESSAGE FIG. 8B

Title: A System And School For Disseminating Topology And Link Information To Routing Nodes In A Mobile Ad Hoc Network Inventors: Ogier et al. Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

9/20

	<u>194</u>		
0 1 2 4 5 6 7 2 0 0 1 0 2 4 5 6 7 2 0 0 1 0 2 4 5 6 7 5	3		
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8			
IDENTITY FOR SRC(1)	<u>196</u>		
IDENTITY FOR SRC(2)	<u>196'</u>		
•••			
IDENTITY FOR SRC(M)	<u>196"</u>		

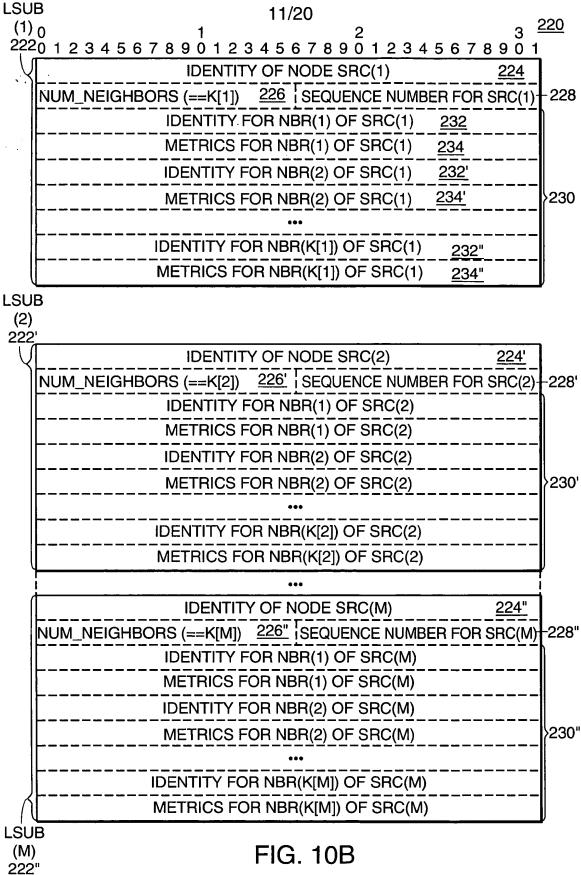
CANCEL_PARENT MESSAGE FIG. 9

Title: A System And Thod For Disseminating Topology And Link Information To Routing Nodes In A Möbile Ad Hoc Network Inventors: Ogier et al. Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

0 1 2	2
0	0 1
IDENTITY OF NODE SRC(1) 2	202
NUM_NEIGHBORS (==K[1]) 204 RESERVED	
IDENTITY FOR NBR(1) OF SRC(1) 208	
LINK METRICS FOR NBR(1) 212 SEQUENCE # FOR SRC(1), NBI	R(1) 210
IDENTITY FOR NBR(2) OF SRC(1) 208'	
LINK METRICS FOR NBR(2) 212' SEQUENCE # FOR SRC(1), NBI	R(2) 206
•••	210'
IDENTITY FOR NBR(K[1]) OF SRC(1) 208"	
LINK METRICS FOR NBR(K) 212" SEQUENCE # FOR SRC(1), NBI	₹(K) 210"
LSUA	
(1)	
200 LSUA	
∠(2)	
200'	
	02'
NUM_NEIGHBORS (==K[2]) 204' RESERVED	
IDENTITY FOR NBR(1) OF SRC(2)	
LINK METRICS FOR NBR(1) SEQUENCE # FOR SRC(2), NBI	R(1)
•••	206'
IDENTITY FOR NBR(K[M-1]) OF SRC(M-1)	
LINK METRICS FOR NBR(K[M-1]) SEQUENCE # FOR SRC(M), NBR(K[M-1])
•••	Ţ
IDENTITY OF NODE SRC(M) 2	02"
NUM_NEIGHBORS (==K[M]) 204" RESERVED	
IDENTITY FOR NBR(1) OF SRC(M)	h
LINK METRICS FOR NBR(1) SEQUENCE # FOR SRC(M), NB	R(1)
••••	
IDENTITY FOR NBR(K[M]) OF SRC(M)	
LINK METRICS FOR NBR(K[M]) SEQUENCE # FOR SRC(M), NBR(K	[M])
LSUA	<u>· · · ·</u> ·
(M) FIG. 10A	
200" FIG. 10A	

Title: A System and Method For Disseminating
Topology And State Information To State Information To Topology And Mobile Ad Hoc Network Routing Nodes In

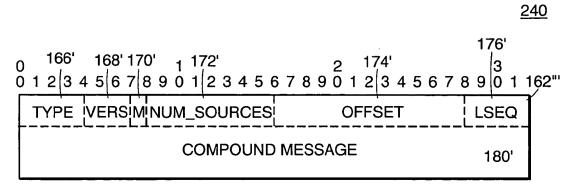
Inventors: Ogier et al. Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez



Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Network Inventors: Ogier et al.

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

12/20



RETRANSMISSION_OF_BROADCAST MESSAGE FIG. 11

Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Italian le Ad Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

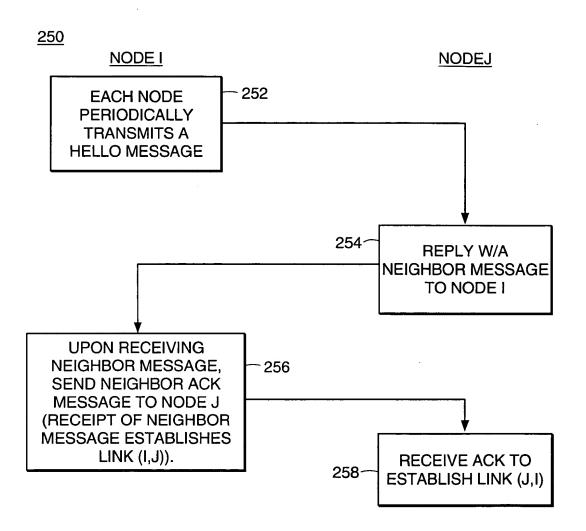


FIG. 12

Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Mobil Hoc Network Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

<u>260</u>		
0 1 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8	2 3 9 0 1 2 3 4 5 6 7 8 9 0 1	
274 H/W ADDRES SPACE 278 PF	ROTOCOL ADDRESS SPACE	-280
L	YPE <u>262</u> BCAST SEQ#	-264
276 SENDER HARDWARE ADDI	RESS (M BYTES) <u>266</u>	
SENDER PROTOCOL ADDR	RESS (N BYTES) <u>268</u>	
TARGET HARDWARE ADDR	RESS (M BYTES) <u>270</u>	
TARGET PROTOCOL ADDR	RESS (N BYTES) <u>272</u>	

FIG. 13

Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Moderated Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

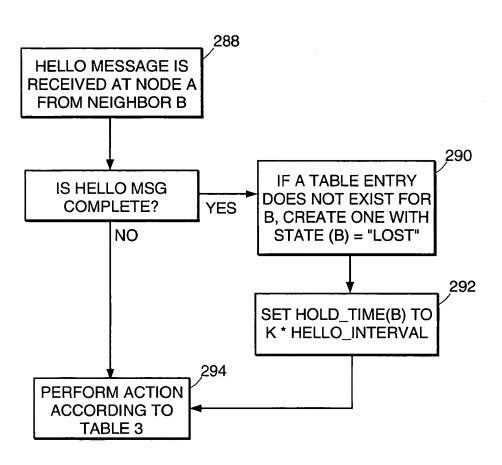
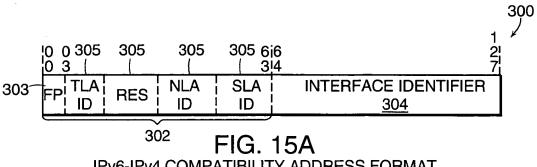


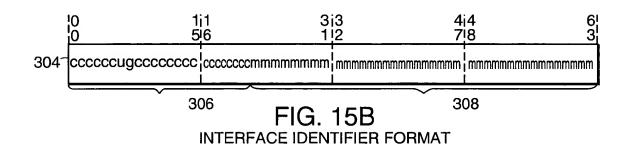
FIG. 14

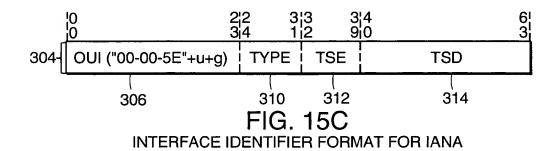
Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A M Inventors: Ogier et al. e Ad Hoc Network

Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez



IPv6-IPv4 COMPATIBILITY ADDRESS FORMAT





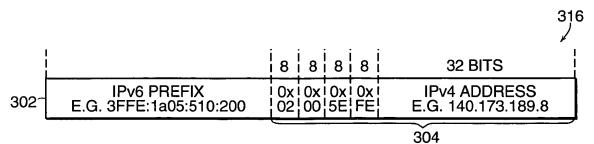


FIG. 15D IPv6-IPv4 COMPATIBILITY ADDRESS

Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Mod Ad Hoc Network

Inventors: Ogier et al.
Serial No. 09/728,020
Atty Docket No. SRI-009B
Atty/Agent: Michael A. Rodriguez

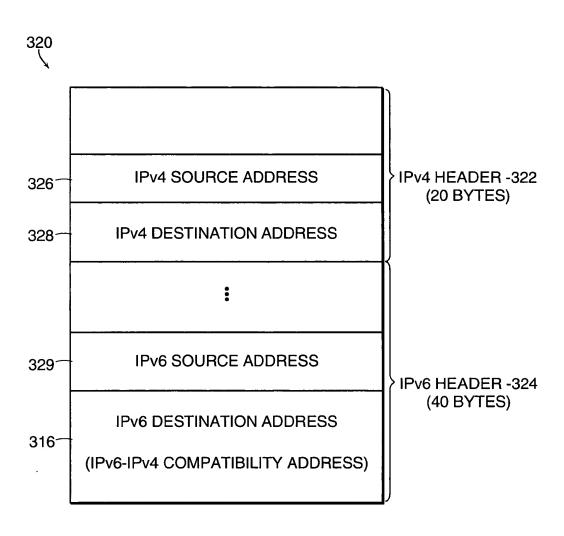


FIG. 15E

Title: A System And Method For Disseminating Topology And Link State Information To Routing Nodes In State Information To House State Inventors: Ogier et al.

Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

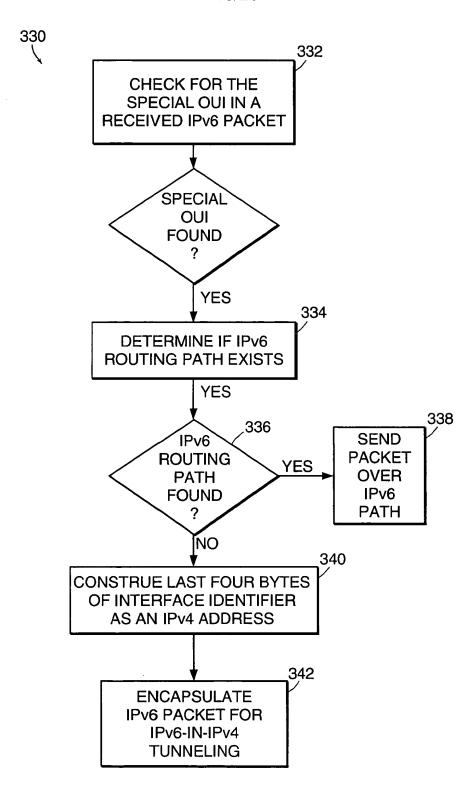
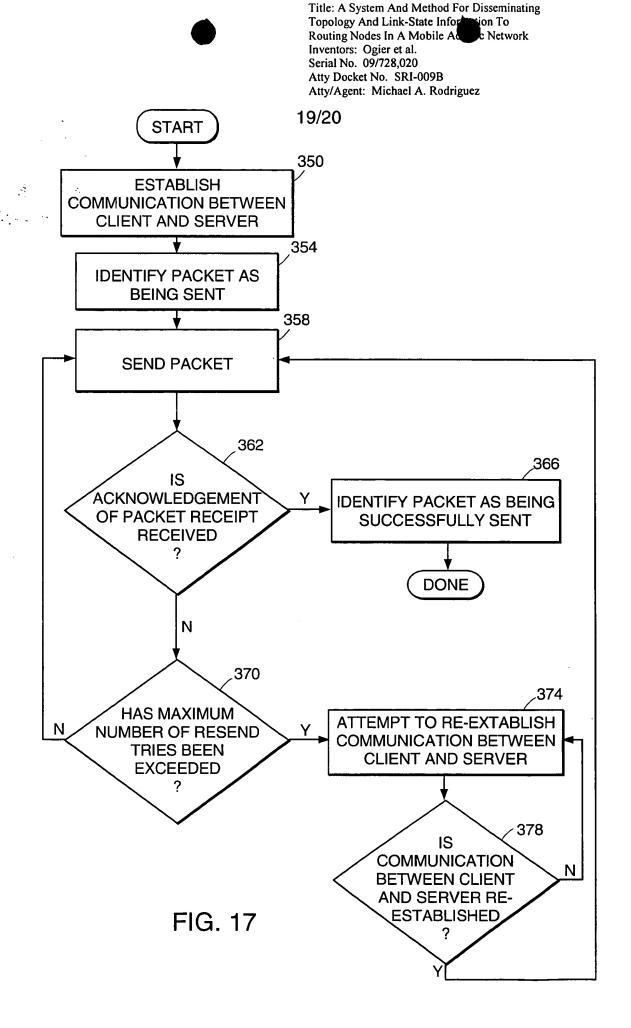


FIG. 16



Title: A System And Method For Disseminating Topology And Link-State Information To Routing Nodes In A Mobile Hoc Network Inventors: Ogier et al.

Serial No. 09/728,020 Atty Docket No. SRI-009B Atty/Agent: Michael A. Rodriguez

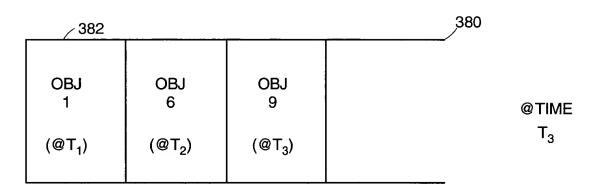


FIG. 18A

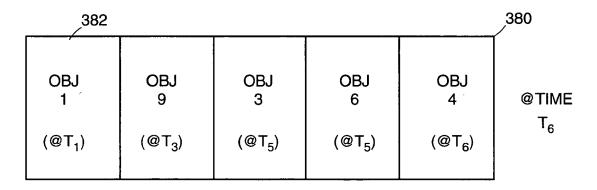


FIG. 18B